

INTERNATIONAL SEARCH REPORT

International Application No

PCT/NL2004/000460

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B25J9/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B25J F16H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 590 560 A (GUILBAUD JEAN PIERRE) 29 May 1987 (1987-05-29) abstract; figures 3,5,10 page 9, line 19 - page 10, line 4 page 14, line 33	1
Y		2-4,12, 13
A		15-17
X	JP 58 059777 A (FURUTA KATSUHISA; SHIOTSUKI TETSUO) 8 April 1983 (1983-04-08) figures 1,2,4,5	1
Y		2-4,12, 13
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

6 December 2004

Date of mailing of the International search report

11.01.2005

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INTERNATIONAL SEARCH REPORT

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PCT/NL2004/000460

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 732 554 A (HELLMANN DIETER) 22 March 1988 (1988-03-22) abstract; figures 1,2 column 3, line 6 - line 21 -----	1
A	EP 0 310 481 A (EUDE BERNARD CLAUDE PIERRE) 5 April 1989 (1989-04-05) abstract; figures 1-3 -----	1
A	DE 196 08 844 A (KOERA VERPACKUNGSMASCHINEN) 11 September 1997 (1997-09-11) cited in the application abstract; figures 1-5 -----	1,4,5, 12,13,23
A	WO 86/02059 A (BELL TELEPHONE MFG) 10 April 1986 (1986-04-10) abstract; figure 1 -----	1
A	WO 96/37346 A (GUARINI VITTORIO) 28 November 1996 (1996-11-28) page 18, paragraph 1 figures 5,10,24,27 -----	5-7, 23-25

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NL2004/000460

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

1-7, 12, 13, 15-17, 23-25

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-4,12,13,15-17

Robot comprising a base, an arm, a slide, a gripper, actuators and pulling elements

2. claims: 5-7,23-25

Robot whereby the gripper is movable by means of cams, spiral and axial grooves

3. claims: 8-10,20-22

Robot which comprises a housing

4. claims: 11,14,19

Robot whereby the actuators are distributed on the base at the same height

5. claim: 18

Robot with mobile frame

6. claims: 26-29,30

Conveyor system with a conveyor and a robot and method for packaging foods in which use is made of such a conveyor system

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/NL2004/000460

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
FR 2590560	A 29-05-1987	FR	2590560 A1	29-05-1987
JP 58059777	A 08-04-1983	JP	1345478 C	29-10-1986
		JP	61010276 B	28-03-1986
US 4732554	A 22-03-1988	DE	3613074 A1	29-10-1987
		AU	7119387 A	22-10-1987
		BR	8701812 A	26-01-1988
		EP	0241820 A2	21-10-1987
EP 0310481	A 05-04-1989	FR	2621271 A1	07-04-1989
		AT	85931 T	15-03-1993
		DE	3878621 D1	01-04-1993
		DE	3878621 T2	23-09-1993
		EP	0310481 A1	05-04-1989
		ES	2039669 T3	01-10-1993
DE 19608844	A 11-09-1997	DE	19608844 A1	11-09-1997
		AU	2024597 A	22-09-1997
		WO	9732695 A1	12-09-1997
WO 8602059	A 10-04-1986	BE	900694 A2	28-03-1985
		AU	584352 B2	25-05-1989
		AU	4747485 A	10-04-1986
		DE	3566523 D1	05-01-1989
		WO	8602059 A1	10-04-1986
		EP	0197972 A1	22-10-1986
WO 9637346	A 28-11-1996	IT	T0950403 A1	25-11-1996
		IT	T0950739 A1	18-03-1997
		AU	5999296 A	11-12-1996
		WO	9637346 A1	28-11-1996